182.   (New Claim) The method of claim 181 wherein said audio states a significance of information displayed in said video graphic presentation.

II.   **REMARKS**

A.   **Newly Presented Claims in the Instant Application**

In consonance with the agreement between Applicants and the Office regarding the co-pending U.S. patent applications related to this application, Applicants hereby join following claims from their related applications into the instant application, corresponding to the new claim numbers in the instant application.

Application Serial No(s).	Claims	Corresponding New Claim Nos. in the Instant Application
08/468,641	37-46	93-102
	47-51	110-114
	52-56	116-120
	57-65	123-131
	66-71	103-108
	72-80	132-140
	81	142
	82	121
	83	109
	84	115
	85	122
	86	141
08/471,024	24-41	143-160
	42-46	162-166
	47	161
	48-63	167-182

Correspondingly, the above listed Application Serial No(s). have been abandoned and/or the claims corresponding to these applications(s) have been cancelled. Applicants request that presently added claims 93-182 be examined along with presently pending claims 56-92.

B.   Specification support for amended independent claim 56 and its amended dependent claims.

Below are tables giving support to Applicants' 1981 disclosure of the amended independent claim 56 and any subsequent claims depending therefrom.

1.   Amended Independent Claim 56

Claim Language	Spec. Reference	Specification Language
originating at said interactive video apparatus at least a first request for	Column 19 lines 12-15. W	Microcomputer, 205, instructs signal processor, 200, to pass all program and channel identifiers on all programing being cablecast on the multi-channel system.
content to be displayed in said video presentation;	Column 19 lines 5-7. W	In another example, microcomputer, 205 may be preinformed that a certain television program, hypothetically "Wall Street Week," should be televised on TV set, 202, when it is cablecast.
communicating one of said at least said first request and	Column 15 lines 20-25.	In any of the cases illustrated in Figures 4A through 4E, signal processors, 100, 103, 106, 109, and 112, could also operate in a predetermined fashion and telephone a remote site to get an additional signal or signals necessary for the proper decryption and/or transfer of incoming programing transmissions.
a second request to a remote data source;	Column 19 lines 35-39. W	Each weekday, microcomputer, 205, receives, about 4:30 PM, by means of a digital information channel, all closing stock prices applicable that day. It may receive these directly or it may automatically query a data service for them in a predetermined fashion.
receiving from said remote data source	Column 19 lines 14-23. W	Microcomputer, 205, instructs signal processor, 200, to pass all program and

said data to serve as a basis for displaying said video presentation;		channel identifiers on all programing being cablecast on the multi-channel system. Signal processor, 200, receives this instruction from microcomputer, 205, at its processor or monitor, 12, which reacts, in a predetermined fashion by passing also externally to microcomputer, 205, all signals that it passes to buffer/ comparator, 14. Analyzing these identifier signals in a predetermined fashion, microcomputer, 205, determines that "Wall Street Week" is being televised on channel X.
processing said data at said interactive video apparatus in order to present at least one of said locally generated image and said image from said remote programming source; and	Column 19 line 39 to column 20 line 2. W	It records those prices that relate to the stocks in its stored portfolio. Microcomputer, 205, is preprogramed to respond in a predetermined fashion to instruction signals embedded in the "Wall Street Week" programing transmission. When the "Wall Street Week" transmission begins at 8:30 PM on a Friday evening, several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205. These signals instruct microcomputer, 205, to generate several graphic video overlays, which microcomputer, 205, has the means to generate and transmit and TV set, 202, has the means to receive and display, and to transmit these overlays to TV set, 202, upon command. Subsequently in the program, the host says, "Here is what the Dow Jones Industrials did is the past week," and a studio generated graphic is pictured. The host then says, "Here is what the broader NASDAQ index did in the week past," and a studio generated graphic overlay is displayed on top of the first graphic. Then the host says, "And here is what your portfolio did." At this point, an instruction signal is generated in the television studio originating the programing and is transmitted in the programing transmission. This signal is identified by decoder, 203, and transferred via processor, 204, to microcomputer, 205. This signal instructs microcomputer, 205, to transmit the first overlay to TV set, 202, for as long as it receives the same instruction signal from processor, 204. The viewer then sees a microcomputer generated graphic of his own stocks' performance overlay the studio generated graphic.
displaying said locally generated image at	Column 19 line 67 to column 20 line 2. W	The viewer then sees a microcomputer generated graphic of his own stocks'

said video output device in conjunction with said image from said remote programming source		performance overlay the studio generated graphic.

2. Amended Dependent Claim 57

Claim Language	Spec. Reference	Specification Language
the **step of programming** said interactive video apparatus to perform any one of said steps of originating, communicating, receiving, processing, and displaying	Column 18 lines 47-48;	In this example, microprocessor, 205, is programed to hold a portfolio of stocks and to receive news about these particular stocks and about the industries they are in.
	and column 19 lines 42-53.	Microcomputer, 205, is preprogramed to respond in a predetermined fashion to instruction signals embedded in the "Wall Street Week" programing transmission. When the "Wall Street Week" transmission begins at 8:30 PM on a Friday evening, several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205. These signals instruct microcomputer, 205, to generate several graphic video overlays, which microcomputer, 205, has the means to generate and transmit and TV set, 202, has the means to receive and display, and to transmit these overlays to TV set, 202, upon command.

3. Amended Dependent Claim 58

Claim Language	Spec. Reference	Specification Language
detecting an instruct signal transmitted from one of	Column 19 lines 60-65	At this point, an instruction signal is generated in the television studio originating the programing and is transmitted in the programing transmission. This signal is identified by decoder, 203, and transferred via processor, 204, to microcomputer, 205.
	with column 18 lines 14-16.	TV signal decoder, 203, detects signals in the programing transmission on the channel which signals it transfers to monitor or processor, 204.
said remote video source and said remote data source; and	Column 19 lines 35-41;	Each weekday, microcomputer, 205, receives, about 4:30 PM, by means of a digital information channel, all closing stock prices applicable that day. It may receive these directly or it may automatically query a data

		service for them in a predetermined fashion. It records those prices that relate to the stocks in its stored portfolio.
	with column 18 lines 47-61.	In this example, microprocessor, 205, is programed to hold a portfolio of stocks and to receive news about these particular stocks and about the industries they are in. Several separate news services transmit news on different channels carried on the multi-channel cable transmission to converter boxes, 222 and 201, and to signal processor, 200. The news services preceed each news transmission with a unique signal that uniquely identifies the company or companies to which the news item refers and/or the industries. In a predetermined fashion, microcomputer, 205, instructs signal processor, 200, to hold examples of the sought for unique signals in its buffer/comparator, 8, and compare them with all incoming signals. Signal processor, 200, scans sequentially all channels.
executing said at least one processor instruction in response to said instruct signal	Column 19 line 64 to column 20 line 2;	The viewer then sees a microcomputer generated graphic of his own stocks' performance overlay the studio generated graphic.
	with column 19 lines 45-53,	When the "Wall Street Week" transmission begins at 8:30 PM on a Friday evening, several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205. These signals instruct microcomputer, 205, to generate several graphic video overlays, which microcomputer, 205, has the means to generate and transmit and TV set, 202, has the means to receive and display, and to transmit these overlays to TV set, 202, **upon command**.

4.   Amended Dependent Claim 60

Claim Language	Spec. Reference	Specification Language
originating,	Column 19 lines 6-7.	a certain television program, hypothetically "Wall Street Week,"
communicating, receiving, and processing comprises processing an identifier.	Column 18 lines 47-48;	In this example, microprocessor, 205, is programed to hold a portfolio of stocks and to receive news about these particular stocks and about the industries they are in.
	with lines 54-58.	The news services preceed each news transmission with a unique signal that uniquely identifies the company or companies

		to which the news item refers and/or the industries.

5.   Amended Dependent Claim 61

Claim Language	Spec. Reference	Specification Language
digital programming;	Column 19 lines 35-39;	Each weekday, microcomputer, 205, receives, about 4:30 PM, by means of a digital information channel, all closing stock prices applicable that day. It may receive these directly or it may automatically query a data service for them in a predetermined fashion.
	with lines 31-34.	Figure 6C can also illustrate how programing delivered at different times to one place can be co-ordinated to give a multimedia presentation at one time in one place.
a communications resource;	Column 19 lines 14-15.	Microcomputer, 205, instructs signal processor, 200, to pass all program and channel identifiers on all programing being cablecast on the multi-channel system.
and said locally generated image	Column 19 lines 65-67.	This signal instructs microcomputer, 205, to transmit the first overlay to TV set, 202, for as long as it receives the same instruction signal from processor, 204.

6.   Amended Dependent Claim 63

Claim Language	Spec. Reference	Specification Language
said interactive video apparatus communicates with said remote data source via a digital information channel	Column 19 lines 35-39.	Each weekday, microcomputer, 205, receives, about 4:30 PM, by means of a digital information channel, all closing stock prices applicable that day. It may receive these directly or it may automatically query a data service for them in a predetermined fashion.

7.   Amended Dependent Claim 64

Claim Language	Spec. Reference	Specification Language
said one of (i) said first data	Column 18 lines 44-52;	Figure 6C illustrates methods for monitoring multiple programing channels and selecting programing and information in a predetermined fashion. In this example, microprocessor, 205, is programed to hold a portfolio of stocks and to receive news about these particular stocks and about the industries they are in. Several separate news

		services transmit news on different channels carried on the multi- channel cable transmission to converter boxes, 222 and 201, and to signal processor, 200.
	and lines 65-67;	In a predetermined fashion, either microcomputer, 205, or signal processor, 200, instructs tuner, 223, to set cable converter box, 222, to the proper channel, and microcomputer, 200, may record the information in memory or transfer it to printer, 221, for printing.
and (ii) second data is received from said remote video source, said method further comprising	column 19 lines 31-49;	Figure 6C can also illustrate how programing delivered at different times to one place can be co-ordinated to give a multimedia presentation at one time in one place. Each weekday, microcomputer, 205, receives, about 4:30 PM, by means of a digital information channel, all closing stock prices applicable that day. It may receive these directly or it may automatically query a data service for them in a predetermined fashion. It records those prices that relate to the stocks in its stored portfolio. Microcomputer, 205, is preprogramed to respond in a predetermined fashion to instruction signals embedded in the "Wall Street Week" programing transmission. When the "Wall Street Week" transmission begins at 8:30 PM on a Friday evening, several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205.
	with column 3 lines 6-8;	Examples of signal words are a string of one or more digital data bits encoded together on a single line of video or sequentially in audio.
the step of generating said locally generated image by processing said first data and said second data	and column 19 line 39 to column 20 line 2.	It records those prices that relate to the stocks in its stored portfolio. Microcomputer, 205, is preprogramed to respond in a predetermined fashion to instruction signals embedded in the "Wall Street Week" programing transmission. When the "Wall Street Week" transmission begins at 8:30 PM on a Friday evening, several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205. These signals instruct microcomputer, 205, to generate several graphic video overlays, which

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		microcomputer, 205, has the means to generate and transmit and TV set, 202, has the means to receive and display, and to transmit these overlays to TV set, 202, upon command. Subsequently in the program, the host says, "Here is what the Dow Jones Industrials did is the past week," and a studio generated graphic is pictured. The host then says, "Here is what the broader NASDAQ index did in the week past," and a studio generated graphic overlay is displayed on top of the first graphic. Then the host says, "And here is what your portfolio did." At this point, an instruction signal is generated in the television studio originating the programing and is transmitted in the programing transmission. This signal is identified by decoder, 203, and transferred via processor, 204, to microcomputer, 205. This signal instructs microcomputer, 205, to transmit the first overlay to TV set, 202, for as long as it receives the same instruction signal from processor, 204. The viewer then sees a microcomputer generated graphic of his own stocks' performance overlay the studio generated graphic.

8.   Amended Dependent Claim 65

Claim Language	Spec. Reference	Specification Language
said interactive video apparatus includes a computer and said second data are received from said remote video source in a first discrete signal, said method further comprising the steps of:...	Column 3 lines 6-8.	Examples of signal words are a string of one or more digital data bits encoded together on a single line of video or sequentially in audio.
organizing first information contained in said first discrete signal with second information contained in a second discrete signal in order to enable said interactive video apparatus to process at least one	Column 7 lines 36-39; with column 2 line 64 to column 3 line 8.	Buffer/comparator, 8, organizes the data stream that it receives according to a pre-determined fashion that enables buffer/comparator, 8, among other things, to assemble signal units from signal words. (The term "signal unit" hereinafter means one complete signal instruction or information message unit. Examples of signal units are a unique code identifying a programing unit, or

processor instruction which comprises said first information and said second information;		a unique purchase order number identifying the proper use of a programing unit, or a general instruction identifying whether a programing unit is to be retransmitted immediately or recorded for delayed transmission. The term "signal word" hereinafter means one full discrete appearance of a signal as embedded at one time in one location on a transmission. Examples of signal words are a string of one or more digital data bits encoded together on a single line of video or sequentially in audio.
causing said computer to respond to said at least one processor instruction.	Column 19 line 60 to column 20 line 2.	This signal instructs microcomputer, 205, to transmit the first overlay to TV set, 202, for as long as it receives the same instruction signal from processor, 204. The viewer then sees a microcomputer generated graphic of his own stocks' performance overlay the studio generated graphic.

9.   Amended Dependent Claim 66

Claim Language	Spec. Reference	Specification Language
said step of organizing is performed by an assembler	Column 7 lines 36-39.	Buffer/comparator, 8, organizes the data stream that it receives according to a pre-determined fashion that enables buffer/comparator, 8, among other things, to assemble signal units from signal words.

10.   Amended Dependent Claim 67

Claim Language	Spec. Reference	Specification Language
said step of processing comprises storing first programming in order to present a portion of said at least one of said locally generated image and said image received from said remote video source at a particular time or place.	Column 19 lines 39 to column 20 line 2;	It records those prices that relate to the stocks in its stored portfolio. Microcomputer, 205, is preprogramed to respond in a predetermined fashion to instruction signals embedded in the "Wall Street Week" programing transmission. When the "Wall Street Week" transmission begins at 8:30 PM on a Friday evening, several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205. These signals instruct microcomputer, 205, to generate several graphic video overlays, which microcomputer, 205, has the means to generate and transmit and TV set, 202, has

		the means to receive and display, and to transmit these overlays to TV set, 202, upon command. Subsequently in the program, the host says, "Here is what the Dow Jones Industrials did is the past week," and a studio generated graphic is pictured. The host then says, "Here is what the broader NASDAQ index did in the week past," and a studio generated graphic overlay is displayed on top of the first graphic. Then the host says, "And here is what your portfolio did." At this point, an instruction signal is generated in the television studio originating the programing and is transmitted in the programing transmission. This signal is identified by decoder, 203, and transferred via processor, 204, to microcomputer, 205. This signal instructs microcomputer, 205, to transmit the first overlay to TV set, 202, for as long as it receives the same instruction signal from processor, 204. The viewer then sees a microcomputer generated graphic of his own stocks' performance overlay the studio generated graphic.
	with column 19 lines 31-34.	Figure 6C can also illustrate how programing delivered at different times to one place can be co-ordinated to give a multimedia presentation at one time in one place.

11.   Amended Dependent Claim 68

Claim Language	Spec. Reference	Specification Language
wherein said video output device displays said locally generated image based on said step of storing	Column 19 lines 59-60;	Then the host says, "And here is what your portfolio did."
	Column 19 lines 67 to column 20 line 2;	The viewer then sees a microcomputer generated graphic of his own stocks' performance overlay the studio generated graphic.
	and column 19 lines 39-41.	It records those prices that relate to the stocks in its stored portfolio.

12.   **Amended Dependent Claim 71**

Claim Language	Spec. Reference	Specification Language
the step of programming said computer to respond to said at least one instruction	Column 19 lines 42-53.	Microcomputer, 205, is preprogramed to respond in a predetermined fashion to instruction signals embedded in the "Wall Street Week" programing transmission. When the "Wall Street Week" transmission begins at 8:30 PM on a Friday evening, several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205. These signals instruct microcomputer, 205, to generate several graphic video overlays, which microcomputer, 205, has the means to generate and transmit and TV set, 202, has the means to receive and display, and to transmit these overlays to TV set, 202, upon command.

13.   **Amended Dependent Claim 72**

Claim Language	Spec. Reference	Specification Language
receiving a programming transmission from said remote programming source; and	Column 19 lines 45-47.	When the "Wall Street Week" transmission begins at 8:30 PM on a Friday evening, several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205.
inputting at least a portion of said programming transmission to said computer	Column 19 lines 46-48.	...several instruction signals are identified by decoder, 203, and transferred to microcomputer, 205.

14.   **Amended Dependent Claim 73**

Claim Language	Spec. Reference	Specification Language
said interactive video apparatus receives encrypted video from said remote interactive video source	Column 19 line 60 to column 20 line 2.	At this point, an instruction signal is generated in the television studio originating the programing and is transmitted in the programing transmission. This signal is identified by decoder, 203, and transferred via processor, 204, to microcomputer, 205. This signal instructs microcomputer, 205, to transmit the first overlay to TV set, 202, for as long as it receives the same instruction signal

		from processor, **204**. The viewer then sees a microcomputer generated graphic of his own stocks' performance overlay the studio generated graphic.

15.   Amended Dependent Claim 74

Claim Language	Spec. Reference	Specification Language
said interactive video apparatus includes a local device which inputs selected information to said computer, said method further comprising the step of inputting said at least one instruction from said local device to said computer	Column 19 lines 63-64	This signal is identified by decoder, 203, and transferred via processor, 204, to microcomputer, 205.
	with column 17 lines 39-46;	Signal processor apparatus have the ability to identify instruction and information signals in one or more inputted television and radio programing transmissions, identify and discriminate among one or more pieces of external equipment to which such signals are addressed, and transfer such signals to such equipment as directed. This permits many valuable techniques for facilitating the operation of such external equipment.
	and column 18 lines 14-20.	TV signal decoder, 203, detects signals in the programing transmission on the channel which signals it transfers to monitor or processor, 204. Monitor or processor, 204, determines that certain signals are addressed to switch, 212, and transfers these signals to switch, 212.

16.   Amended Dependent Claim 89

Claim Language	Spec. Reference	Specification Language
wherein said video output device includes a viewing screen	Column 19 lines 54-55;	"Here is what the Dow Jones Industrials did is the past week,"
which displays a first image received from said remote programming source and said step of displaying comprises replacing less than all of said first image	column 19 line 67 to column 20 line 2.	The viewer then sees a microcomputer generated graphic of his own stocks' performance overlay the studio generated graphic.

Claim Language	Spec. Reference	Specification Language
with said locally generated image		

17.   Amended Dependent Claim 91

Claim Language	Spec. Reference	Specification Language
said interactive video apparatus includes an audio receiver and ceases displaying said locally generated video image, said method further comprising the steps of:	Column 19 lines 28-29; column 20 lines 4-7.	...may instruct switch, 216, to turn TV set, 202, on and tuner, 215, to tune appropriately to "Wall Street Week." and the microcomputer, 205, ceases transmitting its own graphic to TV set, 202, and prepares to send the next locally generated graphic overlay upon instruction from the originating studio.
receiving, at said audio receiver, audio which describes information displayed in said video presentation; and	Column 19 lines 54-60.	Subsequently in the program, the host says, "Here is what the Dow Jones Industrials did is the past week," and a studio generated graphic is pictured. The host then says, "Here is what the broader NASDAQ index did in the week past," and a studio generated graphic overlay is displayed on top of the first graphic. Then the host says, "And here is what your portfolio did."
outputting said audio at said interactive video apparatus before ceasing to display said locally generated video image.	Column 19 lines 54-60; with respect to column 20 lines 4-5.	Subsequently in the program, the host says, "Here is what the Dow Jones Industrials did is the past week," and a studio generated graphic is pictured. The host then says, "Here is what the broader NASDAQ index did in the week past," and a studio generated graphic overlay is displayed on top of the first graphic. Then the host says, "And here is what your portfolio did." and the microcomputer, 205, ceases transmitting its own graphic to TV set, 202, and prepares to send the next locally generated graphic overlay upon instruction from the originating studio.

C.   Summary of Claim Amendments

The claims to the instant application have been amended in light of

interviews held by Applicants' representative and the Examiner of record.

Independent claims 56, 75, 80 & 84 have been amended to incorporate, and newly presented independent claims 93, 110, 116, 123, 142, 143, 152, 157, 162, 167, 171, 175, 177 & 179 currently incorporate the following language that Applicants believe to be the allowable subject matter of the instant application.

Claim 56

...a video presentation comprising a locally generated image and an image received from a remote programming source...

...processing said data at said interactive video apparatus in order to present at least one of said locally generated image and said image from said remote programming source...

...displaying said locally generated image at said video output device in conjunction with said image from said remote programming source....

Claim 75

...said first video image received at said at least one receiver station from a first remote transmitter station, said second video image (i) containing at least one datum that at least one of completes and supplements said first video image and (ii) displayed in conjunction with said first video image...

Claim 80

...an instruct signal which is operative at said at least one receiver station to instruct said at least one receiver station to at least one of generate and output a local portion of a video presentation and cause said locally generated portion of said video presentation to be displayed in conjunction with said video...

Claim 84

...wherein at least one processor instruction comprises information content of separate ones of a plurality of discrete signals...

...and said at least one processor instruction instructs said at least one receiver station to deliver a locally generated image for display in conjunction with said video....

Claim 93

...organizing information contained in said at least a first discrete signal at said receiver station with information contained in a second discrete signal based on said at least one control signal...

... said at least one processor instruction comprising said organized information from said step of organizing....

Claim 110

...wherein said at least one processor instruction comprises information organized from said information contained in said first discrete signal and information contained in a second discrete signal...

...said at least one processor instruction is effective at said at least one of said plurality of receiver stations to generate and output only a portion of said video presentation...

...wherein said at least one control signal is operative at said at least one receiver station to organize said information in said first and second discrete signals into said at least one processor instruction....

Claim 116

...wherein said one receiver station displays video received at said one receiver station from a remote transmitter station and is adapted to display a locally generated image in conjunction with said video in response to at least one processor instruction...

... wherein said at least one processor instruction is comprised of information contained in said first discrete signal and information contained in a second discrete signal....

Claim 123

... to locally generate and output said second image of said video presentation for delivery in conjunction with said first image...

... organizing said partial information with information contained in a second discrete signal at said at least one of said plurality of receiver stations....

Claim 142

... organizing information contained in said at least a first discrete signal at said receiver station with information contained in a second discrete signal based on said at least one control signal...

... said at least one processor instruction comprising said organized information from said step of organizing...

Claim 143

... organizing information contained in said one or more first discrete signals at said receiver station with information contained in one or more second discrete signals...

... processor instructions comprising said organized information, based on said step of organizing....

Claim 152

... said video presentation comprised of said local image of said video presentation and a video image which is received at said at least one receiver station from a first remote transmitter station...

... wherein said one or more control signals enable said at least one receiver station to display said local image of said video presentation in conjunction with said video image...

Claim 157

...an instruct signal which is effective at said at least one receiver station to generate and output a local image of said video presentation, wherein said local image is outputted at said at least one receiver station in conjunction with said video image...

Claim 162

...wherein said code enables at said at least one receiver station to generate or identify a local image and output said local image in conjunction with said graphic image...

Claim 167

... organizing information contained in said at least a first discrete signal at said receiver station with information contained in a second discrete signal based on at least one control signal...

... said at least one processor instruction comprising said organized information from said step of organizing...

Claim 171

...said viewing screen displaying said only a portion of said second completed full-screen video graphic image in conjunction with said one a portion of said first completed full-screen video graphic image...

Claim 175

...said second completed full-screen video graphic image filling the entire surface area of said viewing screen when displayed at said video monitor and containing said only a portion of a second completed full-screen video graphic

image in conjunction with only a portion of said first completed full-screen video graphic image...

Claim 177

...said second completed full-screen video graphic image filling the entire surface area of said viewing screen when displayed at said video monitor and containing said only a portion of said second complete full-screen video graphic image and only a portion of said first complete full-screen video graphic image, wherein at least one of said first completed full-screen video graphic image and said second completed full-screen video graphic image contains at least one graphic image...

Claim 179

... organizing information contained in said at least a first discrete signal at said receiver station with information contained in a second discrete signal based on at least one control signal...

... at least one processor instruction comprising said organized information from said step of organizing....

D.   Definitions of claim terminology.

Applicants reprint the definition of the word "conjunction" as applied to the newly amended claim language. Webster's New Collegiate Dictionary, copyright 1977, defines **conjunction** *n* **1:** the act or an instance of conjoining: the state of being conjoined **2:** occurrence together in time and space: CONCURRENCE....

Applicants reprint the definition of the word "generating" and "generated" as applied to the newly amended claim language. Webster's New Collegiate Dictionary, copyright 1977, defines **generate** *vt* **1:** to bring into

existance: as **a:** PROCREATE, BEGET **b:** to originate by a vital or chemical process: PRODUCE....

E. Comparison of pending claims with Applicants' patented claims.

Applicants present a comparison of Applicants' claim 84, and newly presented claims 116 and 143 with claim 14 of U.S. Pat. No. 4,965,825 and claim 1 of U.S. Pat. No. 5,335,277. Applicants are responding to a request by the Examiner to provide an analysis of the broadest claim of the instant application against all the claims the Applicants issued patents. Applicants have chosen the two above cited claims as being most relevant to claim 52 in the present application. A side by side claim comparison is presented to distinguish the difference between the pending claims of the instant application and the patented claims.

1. Amended Independent Claim 84

Amended Independent Claim 84	Claim 14 of U.S. Pat. No. 4,965,825
A method of delivering a video presentation at at least one receiver station of a plurality of receiver stations each of which includes a receiver, a signal detector, a processor, and an output device, and is adapted to detect the presence of at least one signal, wherein at least one processor instruction comprises information content of separate ones of a plurality of discrete signals and said at least one receiver station is capable of providing said at least one processor instruction, said method comprising the steps of:	A method of processing signals including:
receiving video at a transmitter station;	(a) the step of receiving a carrier transmission;
delivering said video to a transmitter;	(b) the step of demodulating said carrier transmission to detect an information transmission thereon;
receiving a first discrete signal of said plurality of discrete signals at said transmitter station, wherein said first discrete signal is operative to provide said at least one processor instruction at said at least one receiver station by **enabling**	(c) the step of detecting and identifying embedded signals on said information transmission;

said at least one receiver station to **organize information contained in said first discrete signal with information contained in a second of said plurality of discrete signals, and said at least one processor instruction instructs said at least one receiver station to deliver a locally generated image for display in conjunction with said video;**	
transferring said at least one instruct signal to said transmitter; and	(d) the step of passing said embedded signals to a device or devices to be controlled based on instructions identified within said embedded signals;
transmitting said video and said at least one instruct signal to said at least one receiver station.	(e) the step of controlling said devices based on the instructions within said embedded signals; and
	(f) the step of recording the receipt of and passing to said devices of said embedded signals.

Amended Independent Claim 84	Claim 1 of U.S. Pat. No. 5,335,277
A method of delivering a video presentation at at least one receiver station of a plurality of receiver stations each of which includes a receiver, a signal detector, a processor, and an output device, and is adapted to detect the presence of at least one signal, wherein at least one processor instruction comprises information content of separate ones of a plurality of discrete signals and said at least one receiver station is capable of providing said at least one processor instruction, said method comprising the steps of:	A method of processing control signals and controlling equipment at a remote site based on broadcast transmissions including:
receiving video at a transmitter station;	(a) the step of receiving at said remote site a broadcast carrier transmission;
delivering said video to a transmitter;	(b) the step of demodulating said broadcast carrier transmission to detect an information transmission therein;
receiving a first discrete signal of said plurality of discrete signals at said transmitter station, wherein said first discrete signal is operative to provide said at least one processor instruction at said at least one receiver station by enabling said at least one receiver station to **organize information contained in said first discrete signal with information contained in a second of said plurality of discrete signals, and said at least one processor instruction instructs said at least one receiver station to deliver a locally generated image for display in conjunction with said video;**	(c) the step of detecting and identifying at said remote site control signals associated with said information transmission;
transferring said at least one instruct signal to said transmitter; and	(d) the step of passing at least a portion of said control signals to a computer control means at

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	said remote site;
transmitting said video and said at least one instruct signal to said at least one receiver station.	(e) the step of said computer control means determining based on instructions included in said control signals whether receiver means at said remote site is operating; and
	(f) the step of directing, based on the result of said determination step, said information transmission and a selected portion of said control signals to (1) said receiver means and associated computer equipment or (2) a recorder means activated by said computer control means.

2. Newly Presented Independent Claim 116

Newly Presented Independent Claim 116	Claim 14 of U.S. Pat. No. 4,965,825
A method of delivering a video presentation at one receiver station of a plurality of receiver stations each of which includes a receiver, a signal detector, a processor, an output device, and with each of said plurality of receiver stations being adapted to detect the presence of at least one signal, wherein said one receiver station displays video received at said one receiver station from a remote transmitter station and is adapted to display a locally generated image in conjunction with said video in response to at least one processor instruction, said method comprising the steps of:	A method of processing signals including:
receiving a first discrete signal at an origination transmitter station and delivering said first discrete signal to at least one origination transmitter, wherein said at least one processor instruction is comprised of information contained in said first discrete signal and information contained in a second discrete signal, and wherein one of said one receiver station and a remote intermediate transmitter station is adapted to organize said information contained said first discrete signal with said information contained in said second discrete signal;	(a) the step of receiving a carrier transmission;
receiving at least one control signal which at said remote intermediate transmitter station operates to control the communication of one of said first discrete signal and said said at least one processor instruction;	(b) the step of demodulating said carrier transmission to detect an information transmission thereon;
transferring said at least one control signal to said at least one origination transmitter before a specific time; and	(c) the step of detecting and identifying embedded signals on said information transmission;

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transmitting from said at least origination transmitter said first discrete signal and said at least one control signal.	(d) the step of passing said embedded signals to a device or devices to be controlled based on instructions identified within said embedded signals;
	(e) the step of controlling said devices based on the instructions within said embedded signals; and
	(f) the step of recording the receipt of and passing to said devices of said embedded signals.

Newly Presented Independent Claim 116	Claim 1 of U.S. Pat. No. 5,335,277
A method of delivering a video presentation at one receiver station of a plurality of receiver stations each of which includes a receiver, a signal detector, a processor, an output device, and with each of said plurality of receiver stations being adapted to detect the presence of at least one signal, wherein said one receiver station displays video received at said one receiver station from a remote transmitter station and is adapted to display a locally generated image in conjunction with said video in response to at least one processor instruction, said method comprising the steps of:	A method of processing control signals and controlling equipment at a remote site based on broadcast transmissions including:
receiving a first discrete signal at an origination transmitter station and delivering said first discrete signal to at least one origination transmitter, wherein **said at least one processor instruction is comprised of information contained in said first discrete signal and information contained in a second discrete signal, and wherein one of said one receiver station and a remote intermediate transmitter station is adapted to organize said information contained said first discrete signal with said information contained in said second discrete signal;**	(a) the step of receiving at said remote site a broadcast carrier transmission;
receiving at least one control signal which at said remote intermediate transmitter station operates to control the communication of one of said first discrete signal and said said at least one processor instruction;	(b) the step of demodulating said broadcast carrier transmission to detect an information transmission therein;
transferring said at least one control signal to said at least one origination transmitter before a specific time; and	(c) the step of detecting and identifying at said remote site control signals associated with said information transmission;
transmitting from said at least origination transmitter said first discrete signal and said at least one control signal.	(d) the step of passing at least a portion of said control signals to a computer control means at said remote site;
	(e) the step of said computer control means determining based on instructions included in

	said control signals whether receiver means at said remote site is operating; and
	(f) the step of directing, based on the result of said determination step, said information transmission and a selected portion of said control signals to (1) said receiver means and associated computer equipment or (2) a recorder means activated by said computer control means.

3. Newly Presented Independent Claim 143

Newly Presented Independent Claim 143	Claim 14 of U.S. Pat. No. 4,965,825
A method of outputting a video presentation at a receiver station including:	A method of processing signals including:
receiving a transmission from a remote station, said transmission containing a video image and one or more first discrete signals;	(a) the step of receiving a carrier transmission;
passing said received video image to an output device for delivery to a user;	(b) the step of demodulating said carrier transmission to detect an information transmission thereon;
detecting said one or more first discrete signals;	(c) the step of detecting and identifying embedded signals on said information transmission;
passing said information contained in said one or more first discrete signals to a processor in response to said step of detecting;	(d) the step of passing said embedded signals to a device or devices to be controlled based on instructions identified within said embedded signals;
organizing said information contained in said one or more first discrete signals at said receiver station with information contained in one or more second discrete signals;	(e) the step of controlling said devices based on the instructions within said embedded signals; and
responding, at said processor, to **processor instructions comprising said organized information, based on said step of organizing;**	(f) the step of recording the receipt of and passing to said devices of said embedded signals.
generating a signal based on said processor instructions; and	
outputting at least a portion of said video presentation based on said generated signal.	

Newly Presented Independent Claim 143	Claim 1 of U.S. Pat. No. 5,335,277
A method of outputting a video presentation at a receiver station including:	A method of processing control signals and controlling equipment at a remote site based on broadcast transmissions including:
receiving a transmission from a remote station, said transmission containing a video image and one or more first discrete signals;	(a) the step of receiving at said remote site a broadcast carrier transmission;
passing said received video image to an output device for delivery to a user;	(b) the step of demodulating said broadcast carrier transmission to detect an information transmission therein;

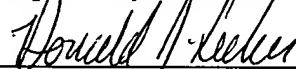|	
detecting said one or more first discrete signals;	(c) the step of detecting and identifying at said remote site control signals associated with said information transmission;
passing said information contained in said one or more first discrete signals to a processor in response to said step of detecting;	(d) the step of passing at least a portion of said control signals to a computer control means at said remote site;
organizing said information contained in said one or more first discrete signals at said receiver station with information contained in one or more second discrete signals;	(e) the step of said computer control means determining based on instructions included in said control signals whether receiver means at said remote site is operating; and
responding, at said processor, to **processor instructions comprising said organized information, based on said step of organizing;**	(f) the step of directing, based on the result of said determination step, said information transmission and a selected portion of said control signals to (1) said receiver means and associated computer equipment or (2) a recorder means activated by said computer control means.
generating a signal based on said processor instructions; and	
outputting at least a portion of said video presentation based on said generated signal.	

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III. CONCLUSION

In accordance with the foregoing it is respectfully submitted that all outstanding objections and rejections have been overcome and/or rendered moot. Further, all pending claims are patentably distinguishable over the prior art of record, taken in any proper combination. Thus, there being no further outstanding objections or rejections, the application is submitted as being in a condition for allowance, which action is earnestly solicited.

If the Examiner has any remaining informalities to be addressed, it is believed that prosecution can be expedited by the Examiner contacting the undersigned attorney for a telephone interview to discuss resolution of such informalities.

Respectfully submitted,

Thomas J. Scott, Jr.
Reg. No. 27,836
Donald J. Lecher
Reg. No. 41,933
Attorneys for Applicants
Tel: (202) 383-6790

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HOWREY & SIMON
1299 Pennsylvania Avenue, N.W.
Washington, D.C. 20004